

GAURANG N. VAIDYA

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NARRATIVE SUMMARY

Board certified cardiologist with training in advanced heart failure and heart transplantation from Cedars-Sinai Medical Center, Los Angeles. Diplomate of the National Board of Echocardiography, Central Board of Nuclear Cardiology and American Board of Internal Medicine (Internal Medicine and Cardiology). Level 3 trained in echocardiography. Trained in transesophageal echocardiography and diagnostic cardiac catheterization. Led multiple peer-reviewed publications and research projects. Granted the Postgraduate Award from the Alpha Omega Alpha Honor Society for research on LVAD patients. Nominated and included in the Marquis Who's Who in America. Licensed in Kentucky and California. Website, blog and podcast- www.explainheart.com

CURRENT APPOINTMENT

7/2020 Assistant Professor in Advanced Heart Failure and Transplant Cardiology
University of Kentucky, Lexington, KY

GRADUATE MEDICAL EDUCATION

7/2019- 6/2020 Advanced Heart Failure Fellowship
Cedar Sinai Medical Center, Los Angeles, CA

7/2016- 6/2019 General Cardiology Fellowship
University of Louisville, Louisville, KY

7/2013- 6/2016 Internal Medicine Residency
SUNY Upstate Medical University, Syracuse, NY

EDUCATIONAL BACKGROUND

8/2006- 4/2012 Bachelor of Medicine and Bachelor of Surgery (MBBS)
Grant Medical College and Sir J.J. Group of Hospitals, Mumbai, India.

MEDICAL LICENSE AND BOARD CERTIFICATION

2019 Board certified in Cardiology (ABIM)

2018 COCATS Level III in Echocardiography and Echocardiography Board certified (ASE)
Nuclear Board (CBNC) exams passed
Board Eligible for Vascular Medicine (RPVI) Boards
Transesophageal Echocardiography (TEE) > 200 performed
Cardiac catheterization COCATS Level II
Licensed in the state of Kentucky and California- full physician license

2016 Board certified in Internal Medicine (ABIM)

2012 ECFMG Certified

SOCIETY MEMBERSHIP

4/2016 Alpha Omega Alpha Honor Medical Society (AQA, SUNY Upstate Medical University, 2016)

2016-Present American College of Cardiology

ACADEMIC ACHIEVEMENTS

2020	Inclusion into Marquis Who's Who in America FIT representative of the ACC Southern California chapter
2019	Grand Rounds at the University of Nebraska- "Medical Therapy in LVAD" Teaching Tomorrow's Teachers (3T) program by ACC - 2019 alumni ACC 2019 FITs-on-the-Go video blogger
2018	Established blog, vodcast and podcast for patient education at explainheart.com
2017	Postgraduate Award from Alpha Omega Alpha- Awarded for research on appropriate medical therapy in left ventricular assist device patients
2016	Inducted into Alpha Omega Alpha Honor Medical Society Travel Grant- Heart Failure Society of America Best Presentation in Clinical Medicine Research- MSSNY
2015, 2014	Teaching award from Medical Students at SUNY Upstate University
2004	Merit Scholarship by Maharashtra Talent Search.

PUBLICATIONS

- **Vaidya G**, Czer LSC, Kobashigawa J et al. Successful Treatment of Severe COVID-19 Pneumonia With Clazakizumab in a Heart Transplant Recipient: A Case Report. *Transplantation Proceedings* 2020. PMID: 32563584
- **Vaidya G**, Trivedi J, Vijayakrishnan R, Fraser G, Slaughter M, Birks E, Abramov D. Effect of Blood Group on Heart Transplant Waitlist Mortality in the Ventricular Assist Device Era. *ASAIO Journal*. July 2020, 66 (7): 774-779. PMID: 31577625
- **Vaidya G**, Salgado B, Badar F, John A, Stoddard M. Two-Dimensional Strain Echocardiography Derived Left Ventricular Ejection Fraction, Volumes and Global Systolic Dyssynchrony Index: Comparison with Three-Dimensional Echocardiography. *Echocardiography*. 2019; 36: 1054– 1065. PMID: 31148242
- **Vaidya G**, Khan A, Ghafghazi S. Effect of morphine use on oral P2Y12 platelet inhibitors in acute myocardial infarction: Meta-analysis. *Indian Heart Journal*. 2019 Mar - Apr;71(2):126-135. PMID: 31280824
- **Vaidya G**, Birks E, Pillarella J, Salgado B, Vijayakrishnan R, Lenneman A, Slaughter M, Abramov D. Effects of Beta Blockers and ACE Inhibitors after Left Ventricular Assist Device Implantation. *The VAD Journal*. 2018, 4(1):9
- Shisler D, **Vaidya G**, Muncy L, Vijayakrishnan R, Slaughter M, Birks E, Abramov D. Safety and Efficacy of Routine Bridging Anticoagulation for Subtherapeutic Anticoagulation in Outpatients with a Left Ventricular Assist Device. *The VAD Journal*. 2018, 4(1):7
- **Vaidya GN**, Abramov D. Echocardiographic Evaluation of Diastolic Function Is of Limited Value in the Diagnosis and Management of HFpEF. *Journal of Cardiac Failure* 2018;24:392-396. PMID: 29499321
- **Vaidya GN**, Deam AG. Simultaneous suction debulking of lead vegetation prior to percutaneous lead extraction. *Journal of Cardiology Cases* 2018;18:17-19. PMID: 30279902
- Kahlon A, **Vaidya G**, Bolli R. Cell therapy for heart disease: current status and future directions. *Minerva Cardioangiologica* 2018;66:273-291. PMID: 29327894
- **Vaidya G**, Parizkova B, Birks E. Mechanical support of the heart. *Anaesthesia & Intensive Care Medicine*. 19(7):361-364
- Measuring progress from 1990 to 2017 and projecting attainment to 2030 of the health-related Sustainable Development Goals for 195 countries and territories: a systematic analysis for the Global Burden of Disease Study 2017. *Lancet* 2018;392:2091-2138.
- Global, regional, and national age-sex-specific mortality for 282 causes of death in 195 countries and territories, 1980-2017: a systematic analysis for the Global Burden of Disease Study 2017. *Lancet* 2018;392:1736-1788.
- Global, regional, and national age-sex-specific mortality and life expectancy, 1950-2017: a systematic analysis for the Global Burden of Disease Study 2017. *Lancet* 2018;392:1684-1735.
- Population and fertility by age and sex for 195 countries and territories, 1950-2017: a systematic analysis for the Global Burden of Disease Study 2017. *Lancet* 2018;392:1995-2051.
- **Vaidya G**, Krease M, Dahhan A, Vijayakrishnan R, Abell T, Birks E, Abramov D. Capsule Endoscopy in Left Ventricular Assist Device Patients: Retrospective Review of Efficacy and Necessity. *The VAD Journal*. 2017, Sep; 3(1): 11
- **Vaidya G**, Antoine S, Imam H, Kozman H, Smulyan H, Villarreal D. Reciprocal ST-Segment Changes in Myocardial Infarction: Ischemia at Distance Versus Mirror Reflection of ST-Elevation. *American Journal of Medical Sciences*. 2018 Feb;355(2):162-167. PMID: 29406044

- **Vaidya G.** Application of exercise ECG stress test in the current high cost modern-era healthcare system. *Indian Heart Journal.* 2017;69(4):551-555. PMID: 28822530
- **Vaidya G,** Madhira B. Estimation of risk factors for cardiogenic shock in takotsubo cardiomyopathy: A retrospective study. *International Cardiovascular Forum Journal.* 2017;11(0).
- Antoine S, **Vaidya G,** Imam H, Villarreal D. Pathophysiologic mechanisms in heart failure: Role of the sympathetic nervous system. *American Journal of Medical Sciences.* 2017;353(1):27-30. PMID: 28104100
- **Vaidya G,** Shah R, Dharmoon A. Pulmonary sarcomatoid carcinoma presenting as a necrotizing cavitary lung lesion: Diagnostic dilemma. *Journal of Community and Supportive Oncology.* 2017;15(2):103-105
- **Vaidya GN,** Jaiswal A, Madhira B. 'GET QT': Clinical Criteria to Differentiate Takotsubo Cardiomyopathy from STEMI. *International Cardiovascular Forum Journal.* 2016;5:53-57
- **Vaidya G,** Sarwar M, Sun Z, Wei T, Liu K. A sickle cell disease patient with severe tricuspid regurgitation and early developed pulmonary hypertension. *Internal Medicine.* 2015;54(19):2459-2462. PMID: 26424303
- **Vaidya GN,** Siddiqui DS. Type A Aortic Dissection in Fibromuscular Dysplasia. *Mayo Clinic Proceedings* 2015;90(3):421-422. PMID: 25744128
- **Vaidya GN,** Acevedo R. Tumor lysis syndrome in metastatic breast cancer after a single dose of paclitaxel. *American Journal of Emergency Medicine* 2014. doi:10.1016. PMID: 25178848
- **Vaidya GN,** Lutchmansingh D, Paul M, John S. Gastroparesis as the initial presentation of pulmonary adenocarcinoma *BMJ Case Reports* 2014; doi: 10.1136/bcr-2014-207228. PMID: 25498111
- **Vaidya GN,** Shah R, Aleksiejuk P. Achalasia: A Puzzle that Remains Unsolved. *General Medicine* 2: 146. doi: 10.4172/2327-5146.1000146
- **Vaidya GN,** Bhattad VB, Aggarwal A. Pseudohyperphosphatemia in multiple myeloma: a commonly misdiagnosed phenomenon. *Science Postprint* 1(1): e00039. doi:10.14340/spp.2014.12C0002.
- Shah R, **Vaidya GN,** Kalakonda A, Manocha D, Sekou R. Cytomegalovirus Colitis Mimicking Rectal Carcinoma in a Young Immunocompetent Patient. *ACG Case Reports Journal* 2015;2(3):165-167. PMID: 26157951
- Bansal N, Shah R, Patel A, **Vaidya G,** Pantangi P, Manocha D. Hypercalcemia as a primary manifestation of cryptococcal immune reconstitution syndrome-a rare presentation. *American Journal of Emergency Medicine.* 2014.
- Manocha D, Shah R, **Vaidya G,** Bansal N. Refractory hypoglycaemia in patient with gastric outlet obstruction. *BMJ Case Reports* 2015; doi: 10.1136/bcr-2014-207279. PMID: 25564641
- **Vaidya GN,** Sharma A, Khorasani-Zadeh A, John S. Enterocolitis without diarrhoea in an adult patient: a clinical dilemma. *BMJ Case Reports* 2014; doi:10.1136/bcr-2013-202198. PMID: 24596412
- **Vaidya GN,** Khorasani-Zadeh A, John S. Polyarteritis nodosa presenting as profuse gastrointestinal bleeding. *BMJ Case Reports* 2014; doi: 10.1136/bcr-2013-202925. PMID: 24503664
- **Vaidya G,** Ganeshpure S. Sjogren's syndrome with distal renal tubular acidosis presenting as hypokalemic paralysis. *BMJ Case Reports* 2012 doi: 10.1136/bcr-2012-007568. PMID: 23087292
- Ganeshpure SP, **Vaidya GN,** Gattani V. Secondary pulmonary hypertension and right-sided heart failure at presentation in Grave's disease. *Case Reports in Endocrinology,* vol. 2012. doi:10.1155/2012/762023. PMID: 23198182
- Ganeshpure SP, **Vaidya GN,** Gattani V. Complicated rheumatic mitral stenosis presenting in an elderly patient and the challenges in its management. *BMJ Case Reports* 2012 doi:10.1136/bcr-2012-007404. PMID: 23220440

ABSTRACTS

- **Vaidya G,** Cole R, Runyan C et al. Total Artificial Heart: Performance as a Bridge to Health and Survival. *Journal of the American College of Cardiology* 2020;75:757.
- **Vaidya G,** Luthringer D, Czer L. Giant Cell Myocarditis: Excellent Outcome after Heart Transplant Using Anti-Thymocyte Globulin. *The Journal of Heart and Lung Transplantation* 2020;39:S259.
- Pillarella J, **Vaidya G,** Salgado B, Abramov D. RA Pressure and RV Enlargement Are Predictive of Heart Failure Hospitalizations in Patients with LVAD. *Journal of Heart and Lung Transplant.* Apr 2017;36:S428
- **Vaidya G,** Villarreal D. Reciprocal Changes in STEMI: Ischemia at Distance or Reciprocal Reflection of ST-Elevation. *Journal of the American College of Cardiology,* Mar 2017;69:292
- **Vaidya GN,** Madhira B. Cardiogenic Shock in Takotsubo Cardiomyopathy: Estimation of Risk Factors. *Journal of Cardiac Failure.* Aug 2016;22:S41-S42
- **Vaidya G,** Syed W, Shah R, Liu K. Takotsubo Cardiomyopathy Masquerading As STEMI After Successful Resuscitation From PEA-Arrest. *American Journal of Respiratory and Critical Care Medicine,* May 2016;193; A6955.
- **Vaidya G,** Syed W, Kothari S, Chaudhary O. Hughes-Stovin Syndrome: A Dilemma for Anticoagulation. *Chest,* Oct

- **Vaidya G**, Syed W, Shah V, Nat A. Osteolytic Thoracic Spinal Lesions at Presentation in Primary Non-Hodgkin's Lymphoma of the Bone. *Chest*, Oct 2014;146;675A
- **Vaidya G**, Liu K. Isolated Tricuspid Regurgitation Worsening Pulmonary Hypertension in Sickle Cell Disease. *Chest*, Oct 2014;146;111A.
- Syed W, Chelluri R, **Vaidya G**, Kothari S, Pawar L, Hegazy H. A Rare Cause of Hemoptysis in the Elderly. *Chest*, Oct 2014;146;454A
- **Vaidya GN**, Lutchmansingh D, John S. Gastroparesis as the initial presentation of lung adenocarcinoma. *American Journal of Respiratory and Critical Care Medicine*, May 2014;189;A6042.
- **Vaidya GN**, Lutchmansingh D. Pulmonary sarcomatoid carcinoma presenting as a cavitary lung mass. *American Journal of Respiratory and Critical Care Medicine*, May 2014;189;A6041.

PRESENTATIONS

Oral presentations:

- **Gaurang Vaidya**. Medical Therapy in LVAD. Cardiovascular Grand Rounds at the University of Nebraska. September 2019
- **Gaurang Vaidya**. Correlation of Internal Jugular and Subclavian Vein Diameter Variation on Bedside Ultrasound with Invasive Right Heart Catheterization. ASE conference, Portland, June 2019
- **Gaurang Vaidya** and Clyde Yancy. 'The Failing RV: How to Think and How to Act?' ACC Big Sky Conference, Big Sky, Montana, February 2019.
- **Gaurang Vaidya**. 'How to Make a Blogging Website?' 3T Microteaching Session, Big Sky, Montana, February 2019.
- **Gaurang Vaidya** et al. Beta Blocker Use in Patients with LVADs Is Associated with Lower proBNP and Is Not Associated with Heart Failure Hospitalizations or an Increase in Adverse Events. ISHLT, San Diego, April 2017.
- **Gaurang Vaidya**, Bhaskara Madhira. 'GET QT': A Comprehensive Criteria to Differentiate Takotsubo Cardiomyopathy from STEMI. Beyond the Doctorate Research Day. Upstate Medical University, March 2016.
- **Gaurang Vaidya**, Wajihuddin Syed. Prescription Drug Advertising: The Good, The Bad and The Ugly. Senior Capstones, Upstate Medical University, February 2016
- **Gaurang Vaidya**, Wajihuddin Syed. The pain of controlling pain. Grand Rounds, Quality Conference #7, Upstate Medical University, August 2014.

Poster presentations:

- **Vaidya GN.**, Luthringer D., Czer L. Giant Cell Myocarditis: Excellent Outcome after Heart Transplant Using Anti-Thymocyte Globulin. ISHLT conference. April 2020 Accepted
- **Vaidya GN.**, Czer L. Dobutamine-Induced Eosinophilic Myocarditis in Decompensated Heart Failure: A Paradoxical Dilemma. ISHLT conference. April 2020 Accepted
- **Vaidya GN.**, Cole R., Runyan C., Arabia F., Megna D., Ramzy D., Emerson D., Esmailian F., Kobashigawa J., Moriguchi J. Total Artificial Heart: Performance as a Bridge to Health and Survival. ACC conference, March 2020 Accepted.
- **Vaidya GN.**, Ghafghazi S. Correlation of Internal Jugular and Subclavian Vein Diameter Variation on Bedside Ultrasound with Invasive Right Heart Catheterization. HFSA conference, Philadelphia, September 2019
- **Vaidya GN.**, Kwadwo A, Dulnuan K, Birks E, Vijaykrishnan R. Effect of Ischemic Time on Immediate Post-Transplant Heart Rate and Chronotropic Agent Use. HFSA conference, Philadelphia, September 2019
- **Vaidya GN.**, Mathbout M. Stoddard M. Concentric Hypertrophy is Overestimated by 2D as Compared to 3D Echocardiography in Patients with HFpEF: Long Term Implications for Treatment. HFSA conference, Philadelphia, September 2019
- **Vaidya GN.**, Salgado B, Badar F, Stoddard M. 3-Dimensional Echocardiography Ejection Fraction with 2-Dimensional Speckle Tracking Echocardiography Strain Variables. Kentucky- ACC, Louisville, KY, 2017
- **Vaidya GN.**, Syed W., Shah R., Liu K. Takotsubo Cardiomyopathy Masquerading as STEMI after Successful Resuscitation from PEA-arrest, MSSNY, Saratoga Springs, NY, 2015
- **Vaidya GN.**, Carnaru M., Cobbs R., Siddiqui D. Type A Aortic Dissection in Fibromuscular Dysplasia. American Medical Association, Dallas, Tx, 2014.
- **Vaidya GN.**, Kalakonda A., Vadlamudi R., Cleary L. CMV Colitis in Immunocompetent Patient Mimicking Rectal Carcinoma. American College of Gastroenterology, Philadelphia, PA, 2014
- **Vaidya GN.**, Syed W., Shah VB., Nat AS., Wright J. Osteolytic Thoracic Spinal Lesions at Presentation in Primary Non-Hodgkin's Lymphoma of the Bone, CHEST, Austin, TX, 2014

- **Vaidya GN.**, Liu K. Isolated Tricuspid Regurgitation Worsening Pulmonary Hypertension in Sickle Cell disease, CHEST, Austin, TX, 2014.
- **Vaidya GN.**, Syed W., Kothari S., Chaudhary O., Glidden M. Hughes-Stovin syndrome: A dilemma for anticoagulation, CHEST, Austin, TX, 2014
- **Vaidya GN.**, Pitroda P., Shah VB., Acevedo R. Tumor Lysis Syndrome in Metastatic Breast Cancer after Treatment with Paclitaxel, NYACP, Staten Island, NY, 2014
- Syed W., Chelluri R., **Vaidya GN.**, Kothari S., Pawar LK., Hegazy H. A Rare Cause of Hemoptysis in the Elderly, CHEST, Austin, TX, 2014
- Shah R., Mousa O., Paredes A., **Vaidya G.**, Rawlins S. Factors Increasing the Risk of Pneumonia Among Proton Pump Inhibitor Users, American College of Gastroenterology, Philadelphia, PA, 2014
- **Vaidya GN.**, Lutchmansingh D., John S. Gastroparesis as the initial presentation of lung adenocarcinoma. American Thoracic Society, San Diego, CA, 2014
- **Vaidya GN.**, Lutchmansingh D. Pulmonary sarcomatoid carcinoma presenting as a cavitary lung mass. American Thoracic Society, San Diego, CA, 2014
- **Vaidya GN.**, Pitroda P., Shah VB., Acevedo R. Tumor Lysis Syndrome in Metastatic Breast Cancer after Treatment with Paclitaxel, MSSNY, Westchester, NY, 2014

VOLUNTEER EXPERIENCE

2/2019	Heart of a Champion Clinic, Louisville, KY
10/2017	JCPS Make the Connection, Louisville, KY
1/2017	UL Basketball Hands-Only CPR Training, Louisville, KY
1/2015-5/2016	Refugee Clinic at the Hopeprint Syracuse, NY
9/2012	Volunteer Physician for the Rotary Club of Thane, India
10/2011	Volunteer Physician for the Rotaract Club of the Caduceus, Mumbai, India